

7000 GeV pp

Soft QCD

 $p_T(D^0) \text{ (} y=2.0-2.5 \text{)}$

- LHCb
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

Rivet 3.1.10, $\geq 2.8\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2013_I1218996

Ratio to LHCb

2

1

0.5

 $p_T \text{ [GeV}/c\text{]}$ 